



# IDEMITSU PS CT60

## PRODUCT INFORMATION

### High Impact PS

FEATURES	APPLICATIONS
• Excellent Strength	• Extrusion

PROPERTY	TESTING METHOD	UNITS	VALUES
Specific Gravity	ASTM D 792	-	1.04
Melt Flow Rate (200/5)	ASTM D 1238	g/10 min	2.5
Tensile Strength (Break)	ASTM D 638	kg/cm <sup>2</sup>	290
Ultimate Elongation	ASTM D 638	%	50
Flexural Strength	ASTM D 790	kg/cm <sup>2</sup>	500
Flexural Modulus	ASTM D 790	kg/cm <sup>2</sup>	20,000
Izod Impact Strength	ASTM D 256	kg.cm/cm	13
Heat Distortion Temperature	ASTM D 648	°C	85
Vicat Softening Point	ASTM D 1525	°C	107
Glossiness	ASTM D 523	%	50
Linear Mold Shrinkage	ASTM D 955	cm/cm	0.004 ~ 0.007
Rockwell Hardness	ASTM D 785	L scale	L56
Dupont Impact Strength	ASTM D3029	kg.cm	130
Coefficient of Linear Thermal Expansion	ASTM D696	* 10 <sup>-5</sup> mm/mm / °C	5 ~ 10
Water Absorption	ASTM D570	%	< 0.1

#### Notes:

- The properties of resin summarized in this brochure are typical, or average properties measured intended as guides only, not as specification limits.
- All values of UL testing methods refer to minimum thickness of 1.5mm. Please contact Petrochemicals (M) Sdn. Bhd. for values of other thickness.
- Abbreviations:  
PLC = Performance Level Categories  
RTI = Relative Temperature Index

<b>CERTIFICATIONS</b> <ul style="list-style-type: none"><li>UL (File No.:E63304)</li><li>ISO9001:2008 (Quality Management System)</li></ul>	<b>FOOD CONTACT</b> <p>Please contact Petrochemicals (M) Sdn. Bhd. for further information on the certification/compliance/suitability of the product for food contact application.</p>
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